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OCCUPATIONAL EMPLOYMENT AND WAGES: MAY 2005 TAMPA-ST. PETERSBURG-CLEARWATER, FLORIDA

Workers in the Tampa-St. Petersburg-Clearwater metropolitan area¹ had an average (mean) hourly wage rate of \$16.53 per hour in May 2005, below the nationwide average of \$18.21, according to the Bureau of Labor Statistics of the U.S. Department of Labor. Regional Commissioner Janet S. Rankin noted that 15 of the 22 major occupational groups in the Tampa area recorded average hourly wages that were significantly below their respective national averages while two major occupational groups, management and sales and related, had average hourly wages significantly above average. (See table A. Also see the Technical Note, *Estimation Methodology* section, for a listing of statistically significant comparisons.)

With 1,222,940 employed in the Tampa-St. Petersburg-Clearwater area, office and administrative support was the largest occupational group accounting for 20.1 percent of the workforce in May 2005, above the national share of 17.5 percent. Six other major occupational groups also had higher-than-average concentrations in the area including sales and related, and construction and extraction. On the other hand, seven groups in Tampa-St. Petersburg-Clearwater had employment shares that were significantly below their representation at the national level; these included management; education, training, and library; and production.

These statistics are from the Occupational Employment Statistics (OES) survey, a federal-state cooperative program between BLS and State Workforce Agencies. The OES survey provides estimates of employment and hourly and annual wages for wage and salary workers in 22 major occupational groups and up to 801 non-military detailed occupations for the nation, states, and 375 metropolitan areas.

¹ The Tampa-St. Petersburg-Clearwater Metropolitan Statistical Area consists of the counties of Hernando, Hillsborough, Pasco, and Pinellas in Florida. The Tampa-St. Petersburg-Clearwater metropolitan area, the Tampa area, and other such abbreviated titles, are used interchangeably to refer to the official MSA designated area.

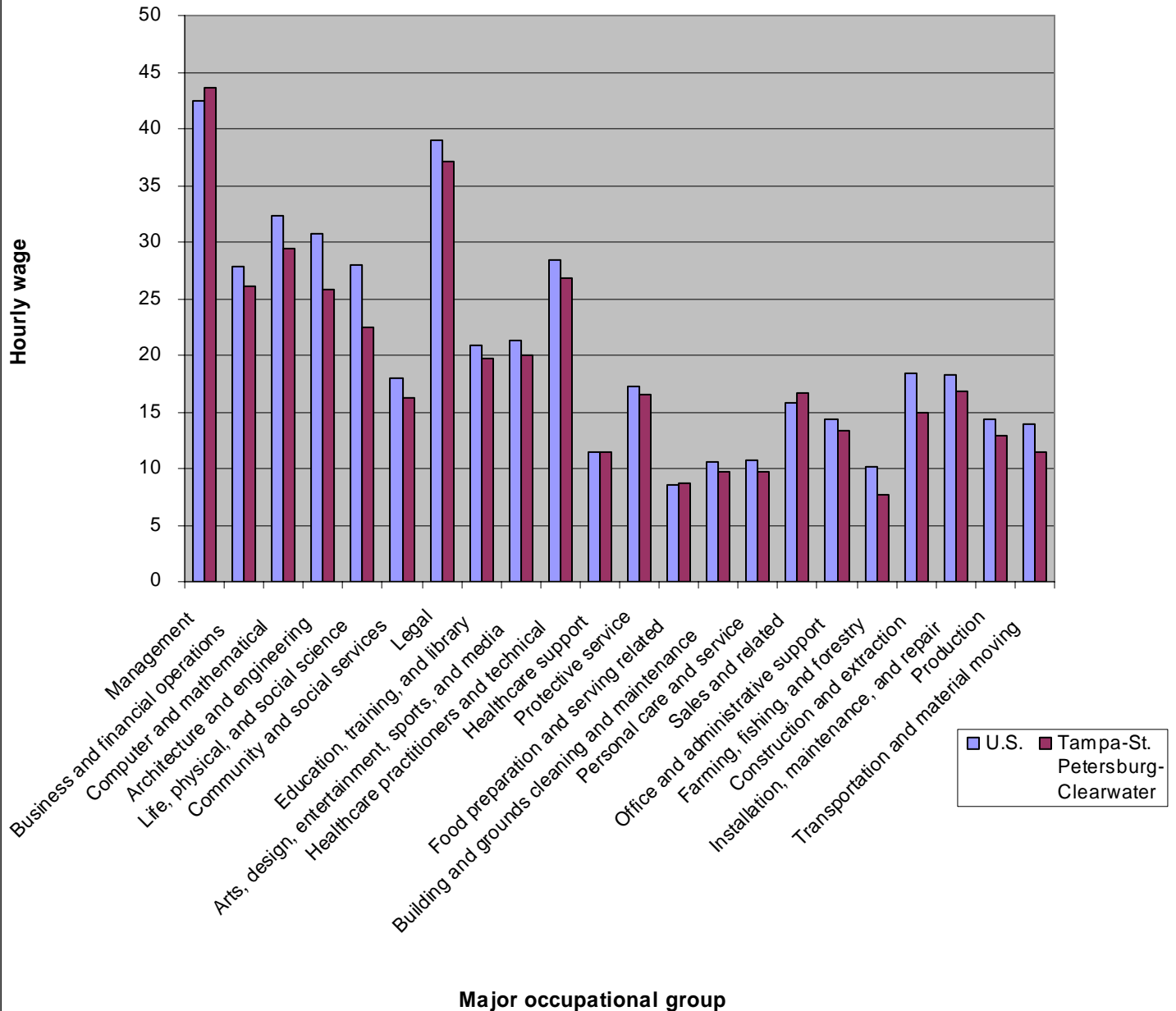
Table A. Occupational employment and wages by major occupational group, United States and the Tampa-St. Petersburg-Clearwater Metropolitan Statistical Area, May 2005

Major occupational group	Employment as percent of total		Average (mean) hourly wage	
	United States	Tampa-St. Petersburg-Clearwater	United States	Tampa-St. Petersburg-Clearwater
Total	100.0%	100.0%	\$18.21	\$16.53
Management	4.6	3.1	42.52	43.66
Business and financial operations	4.2	4.2	27.85	26.15
Computer and mathematical	2.3	2.2	32.26	29.35
Architecture and engineering	1.8	1.4	30.73	25.78
Life, physical, and social science	0.9	0.7	27.90	22.41
Community and social services	1.3	1.0	18.04	16.23
Legal	0.8	0.9	38.98	37.04
Education, training, and library	6.2	4.3	20.89	19.69
Arts, design, entertainment, sports, and media	1.3	1.1	21.30	20.05
Healthcare practitioners and technical	5.0	5.3	28.45	26.78
Healthcare support	2.6	2.5	11.47	11.44
Protective service	2.3	2.3	17.19	16.58
Food preparation and serving related	8.3	9.1	8.58	8.70
Building and grounds cleaning and maintenance	3.3	3.7	10.55	9.75
Personal care and service	2.4	2.4	10.67	9.75
Sales and related	10.7	12.0	15.77	16.67
Office and administrative support	17.5	20.1	14.28	13.35
Farming, fishing, and forestry	0.3	0.4	10.10	7.74
Construction and extraction	4.9	6.4	18.39	14.99
Installation, maintenance, and repair	4.1	3.8	18.30	16.79
Production	7.9	5.3	14.37	12.84
Transportation and material moving	7.4	7.9	13.85	11.42

Occupational wages in the Tampa-St. Petersburg-Clearwater area

Management was the highest-paid occupational group in the Tampa-St. Petersburg-Clearwater area. Workers in management averaged \$43.66 per hour, versus \$42.52 nationally. Five other occupational groups in the Tampa area averaged more than \$25.00 per hour – legal (\$37.04); computer and mathematical (\$29.35); healthcare practitioners and technical (\$26.78); business and financial operations (\$26.15); and architecture and engineering (\$25.78). With the exception of legal, these groups recorded hourly wages significantly below their respective national averages in May 2005. For example, architecture and engineering workers in the metropolitan area earned nearly \$5.00 below the nationwide average of \$30.73. (See chart 1 and table A.)

Chart 1. Wage distribution in the United States and the Tampa-St. Petersburg-Clearwater metropolitan area by major occupational group



Within the management group, chief executives were the highest paid in Tampa-St. Petersburg-Clearwater, averaging \$69.04 per hour. Others highly paid in this occupational group included sales managers, earning \$50.68 per hour, engineering managers averaging \$48.11, general and operations managers, earning \$46.12, and those in training and development, making \$45.93. At the lower end of the scale were education administrators, preschool and child care center/program (\$20.60); property, real estate, and community association managers (\$23.42); and lodging managers (\$24.53). (Detailed occupational data is presented in table 1.)

Averaging \$16.67 per hour in Tampa-St. Petersburg-Clearwater, the sales and related occupational group exceeded the \$15.77 national wage in May 2005. Highly-paid occupations within this group included sales engineers (\$46.58); securities, commodities, and financial services sales agents (\$46.04); and first-line

supervisors/managers of non-retail sales workers (\$34.61). Among the lowest-paid workers within the sales and related occupational group were cashiers (\$7.94), telemarketers (\$10.69), and counter and rental clerks (\$11.32).

Several occupational groups in the Tampa area earned less than \$10.00 per hour – farming, fishing, and forestry (\$7.74); food preparation and serving related (\$8.70); building and grounds cleaning and maintenance (\$9.75); and personal care and service (\$9.75). Nationally, only one occupational group fell into the under \$10.00 wage bracket in May 2005, food preparation and serving related workers averaging \$8.58 per hour.

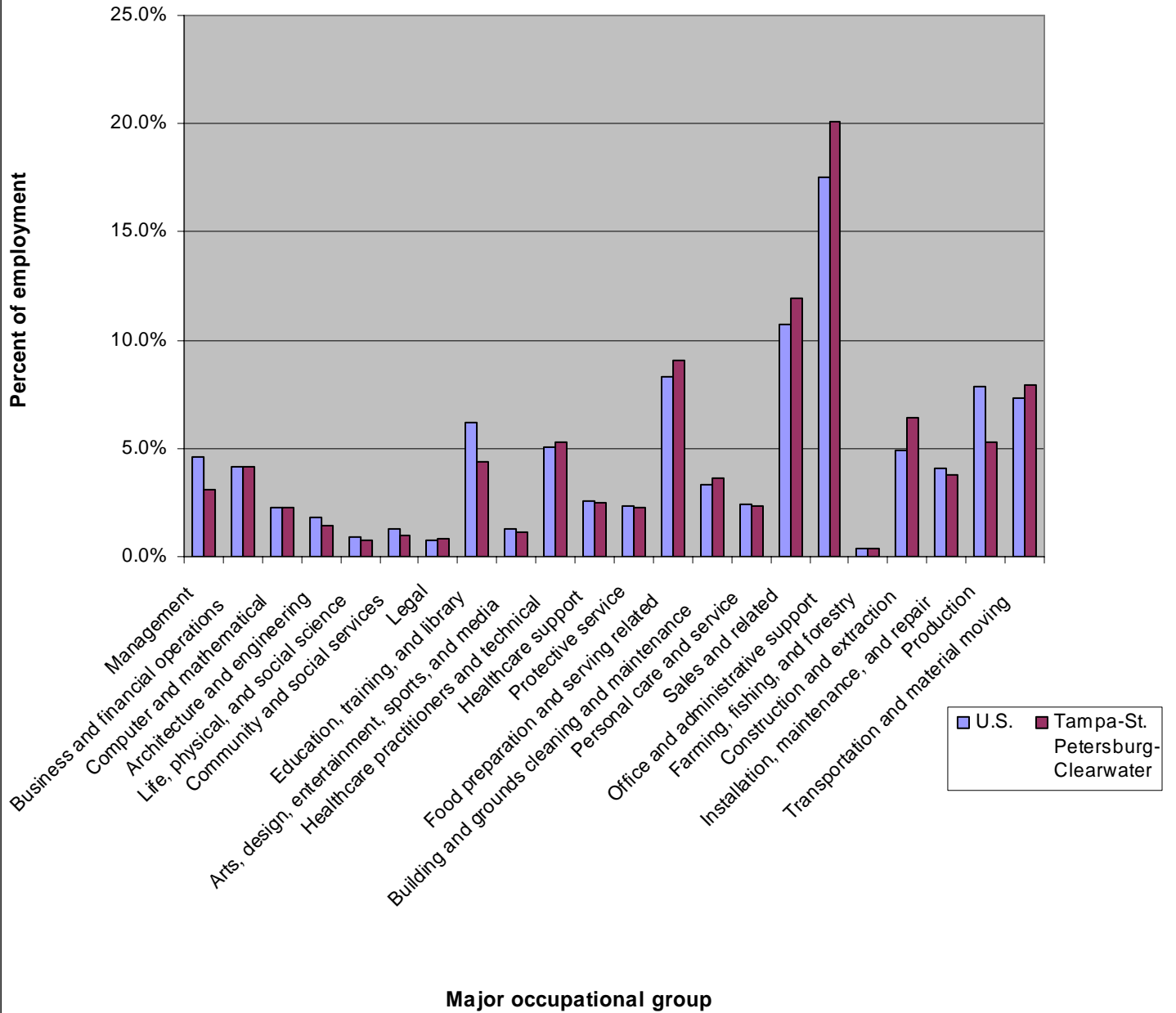
Occupational employment in the Tampa-St. Petersburg-Clearwater area

The two largest occupational groups in the Tampa-St. Petersburg-Clearwater area were office and administrative support and sales and related, with 245,480 and 146,260 workers, respectively, in May 2005. As noted earlier, both of these groups had a larger-than-average presence in the area, and together, accounted for over 32 percent of the workforce versus 28 percent nationwide. Construction and extraction occupations also comprised a higher-than-average percentage of the employment in the area, 6.4 percent, when compared to the national share of 4.9 percent. (See chart 2.)

General office clerks were the most common jobs in the office and administrative support occupational group in the Tampa-St. Petersburg-Clearwater area with 34,790 workers; other large groups included customer service representatives (29,100) and stock clerks and order fillers (20,200). Within the sales and related occupational group, retail salespersons (39,980) and cashiers (28,340) were the most numerous. Together, these two groups of workers accounted for nearly 47 percent of the workforce in the major occupational group. (See table 1.)

Occupational groups in the Tampa-St. Petersburg-Clearwater area with a smaller-than-average employment presence in May 2005 included production; and education, training, and library. Accounting for 5.3 percent of the jobs in the Tampa area, production workers made up 7.9 percent of the national workforce. In the education, training, and library occupational group, 4.6 percent of Tampa's workers were engaged in this occupation compared to 6.3 percent nationwide.

Chart 2. Employment distribution in the United States and the Tampa-St. Petersburg-Clearwater metropolitan area by major occupational group



Technical Note

The Occupational Employment Statistics (OES) survey is a semiannual mail survey measuring occupational employment and wage rates for wage and salary workers in nonfarm establishments in the United States. Guam, Puerto Rico, and the Virgin Islands also are surveyed, but their data are not included in this release. OES estimates are constructed from a sample of about 1.2 million establishments. Forms are mailed to approximately 200,000 establishments in May and November of each year for a 3-year period. The nationwide response rate for the May 2005 survey was 78.4 percent based on establishments and 73.2 percent based on employment. The survey included establishments sampled in the May 2005, November 2004, May 2004, November 2003, May 2003, and November 2002 semiannual panels. The sample in the Tampa-St. Petersburg-Clearwater metropolitan area included 4,825 establishments with a response rate of 76 percent.

The occupational coding system

The OES survey uses the Office of Management and Budget's (OMB) occupational classification system, the Standard Occupational Classification (SOC) system. The SOC system is the first OMB-required occupational classification system for federal agencies. The OES survey categorizes workers in 1 of 801 detailed occupations. Together, these detailed occupations comprise 23 major occupational groups, one of which--military specific occupations--is not included in the OES survey. The major groups are as follows:

- Management occupations
- Business and financial operations occupations
- Computer and mathematical science occupations
- Architecture and engineering occupations
- Life, physical, and social science occupations
- Community and social services occupations
- Legal occupations
- Education, training, and library occupations
- Arts, design, entertainment, sports, and media occupations
- Healthcare practitioner and technical occupations
- Healthcare support occupations
- Protective service occupations
- Food preparation and serving related occupations
- Building and grounds cleaning and maintenance occupations
- Personal care and service occupations
- Sales and related occupations
- Office and administrative support occupations
- Farming, fishing, and forestry occupations
- Construction and extraction occupations
- Installation, maintenance, and repair occupations
- Production occupations
- Transportation and material moving occupations
- Military specific occupations (not surveyed in OES)

For more information about the SOC system, please see the Bureau of Labor Statistics (BLS) Web site at <http://www.bls.gov/soc/home.htm>.

The industry coding system

The OES survey uses the North American Industry Classification System (NAICS). For more information about NAICS, see the BLS Web site at <http://www.bls.gov/bls/naics.htm>.

The OES survey includes establishments in NAICS sectors 11 (logging and agricultural support activities only), 21, 22, 23, 31-33, 42, 44-45, 48-49, 51, 52, 53, 54, 55, 56, 61, 62, 71, 72, 81 (except private households), state government, and local government. The U.S. Postal Service and the executive branch of the federal government also are included. An establishment is defined as an economic unit that processes goods or provides services, such as a factory, mine, or store. The establishment is generally at a single physical location and is engaged primarily in one type of economic activity.

The OES survey covers all full- and part-time wage and salary workers in nonfarm industries. The survey does not include the self-employed owners and partners in unincorporated firms, household workers, or unpaid family workers.

Survey sample

BLS funds the survey and provides the procedures and technical support, while the State Workforce Agencies (SWAs) collect most of the data. BLS produces cross-industry and industry-specific estimates for the nation, states, and metropolitan statistical areas (MSAs). Industry-specific estimates are produced at the NAICS sector, 3-digit, 4-digit, and selected 5-digit industry levels. BLS releases all cross-industry and national estimates; the SWAs release industry-specific estimates at the state and MSA levels.

State Unemployment Insurance (UI) files provide the universe from which the OES survey draws its sample. Employment benchmarks are obtained from reports submitted by employers to the UI program. Supplemental sources are used for rail transportation (NAICS 4821) and Guam because they do not report to the UI program. The OES survey sample is stratified by metropolitan and nonmetropolitan areas and industry. Samples selected in panels prior to May 2005 were stratified using MSA definitions based on the 1990 Metropolitan Statistical Area standards. Beginning with the May 2005 panel, the sample was stratified using new MSA definitions based on the 2000 Metropolitan Statistical Area standards.

A census of federal government and the U.S. Postal Service is taken every panel. A census of state government and Hawaii's local government is taken every November panel. In order to provide the most occupational coverage, larger employers are more likely to be selected than smaller employers. The unweighted employment of sampled establishments makes up approximately 65 percent of total national employment.

Concepts

Occupational employment is the estimate of total wage and salary employment in an occupation across the industries surveyed. The OES survey defines employment as the number of workers who can be classified as full- or part-time employees, including workers on paid vacations or other types of paid leave; workers on unpaid short-term absences; salaried officers, executives, and staff members of incorporated firms; employees temporarily assigned to other units; and employees for whom the reporting unit is their permanent duty station regardless of whether that unit prepares their paycheck.

The OES survey form sent to establishments with more than 10 workers contains between 50 and 225 SOC occupations selected on the basis of the sampled establishment's industry classification. To reduce paperwork and respondent burden, no survey form contains every SOC occupation. Thus, data for specific occupations are collected primarily from establishments in industries that are the predominant employers of workers in those occupations. Each survey form is structured, however, to allow a respondent to provide detailed occupational information for each worker at the establishment; that is, unlisted occupations can be added to the

survey form. Employers with 10 or fewer workers are sent a form with no occupations listed, and are instructed to fill in the occupations for their workers.

Wages for the OES survey are straight-time, gross pay, exclusive of premium pay. Base rate, cost-of-living allowances, guaranteed pay, hazardous-duty pay, incentive pay including commissions and production bonuses, tips, and on-call pay are included. Excluded are back pay, jury duty pay, overtime pay, severance pay, shift differentials, nonproduction bonuses, employer cost for supplementary benefits, and tuition reimbursements.

The OES survey collects wage data in 12 intervals. Employers report the number of employees in an occupation for each wage range. The wage intervals used for the May 2005 survey are as follows:

Interval	Wages	
	Hourly	Annual
Range A	Under \$6.75	Under \$14,040
Range B	\$6.75 to \$8.49	\$14,040 to \$17,679
Range C	\$8.50 to \$10.74	\$17,680 to \$22,359
Range D	\$10.75 to \$13.49	\$22,360 to \$28,079
Range E	\$13.50 to \$16.99	\$28,080 to \$35,359
Range F	\$17.00 to \$21.49	\$35,360 to \$44,719
Range G	\$21.50 to \$27.24	\$44,720 to \$56,679
Range H	\$27.25 to \$34.49	\$56,680 to \$71,759
Range I	\$34.50 to \$43.74	\$71,760 to \$90,999
Range J	\$43.75 to \$55.49	\$91,000 to \$115,439
Range K	\$55.50 to \$69.99	\$115,440 to \$145,599
Range L	\$70.00 and over	\$145,600 and over

Mean hourly wage. The mean hourly wage rate for an occupation is the total wages that all workers in the occupation earn in an hour divided by the total employment of the occupation. To calculate the mean hourly wage of each occupation, total weighted hourly wages are summed across all intervals and divided by the occupation's weighted survey employment. The mean wage for each interval is based on occupational wage data collected by the BLS Office of Compensation and Working Conditions for the National Compensation Survey (NCS).

The mean hourly wage value for the highest wage interval, \$70.00 and over, was computed separately for NCS data from 2004, 2003, and 2002. The average of these mean wage rates was used for all of the \$70.00 and over data in the May 2005 survey. The wage rates for this interval do not go through any wage updating procedures.

Percentile wage. The p-th percentile wage range for an occupation is the wage where p percent of all workers earn that amount or less and where (100-p) percent of all workers earn that amount or more. This statistic is calculated by uniformly distributing the workers inside each wage interval, ranking the workers from lowest paid to highest paid, and calculating the product of the total employment for the occupation and the desired percentile to determine the worker that earns the p-th percentile wage rate.

Annual wage. Many employees are paid at an hourly rate by their employers and may work more than or less than 40 hours per week. Annual wage estimates for most occupations in this release are calculated by multiplying the mean hourly wage by a "year-round, full-time" figure of 2,080 hours (52 weeks by 40 hours). Thus, annual wage estimates may not represent the actual annual pay received by the employee if they work more or less than 2,080 hours per year. Some workers typically work less than full time, year round. For these occupations, the OES survey collects and reports either the annual salary or the hourly wage rate, depending on

how the occupation is typically paid, but not both. For example, teachers, flight attendants, and pilots may be paid an annual salary, but do not work the usual 2,080 hours per year. In this case, an annual salary is reported. Other workers, such as entertainment workers, are paid hourly rates, but generally do not work full time, year round. For these workers, only an hourly wage is reported.

Hourly versus annual wage reporting. For each occupation, respondents are asked to report the number of employees paid within specific wage intervals. The intervals are defined both as hourly rates and the corresponding annual rates, where the annual rate for an occupation is calculated by multiplying the hourly wage rate by a typical work year of 2,080 hours. The responding establishment can reference either the hourly or the annual rate for full-time workers, but they are instructed to report the hourly rate for part-time workers.

Estimation methodology

Each OES panel includes approximately 200,000 establishments. The OES survey is designed to produce estimates using six panels (3 years) of data. The full six-panel sample of 1.2 million establishments allows the production of estimates at detailed levels of geography, industry, and occupation.

Wage updating. Significant reductions in sampling errors are obtained by combining six panels of data, particularly for small geographic areas and occupations. Wages for the current panel need no adjustment. However, wages in the five previous panels need to be updated to the current panel's reference period.

The OES program uses the BLS Employment Cost Index (ECI) to adjust survey data from prior panels before combining them with the current panel's data. The wage updating procedure adjusts each detailed occupation's wage rate, as measured in the earlier panel, according to the average movement of its broader occupational division. The procedure assumes that there are no major differences by geography, industry, or detailed occupation within the occupational division.

Imputation. About 20 percent of establishments do not respond for a given panel. A "nearest neighbor" hot deck imputation procedure is used to impute missing occupational employment totals. A variant of mean imputation is used to impute missing wage distributions. The variant of mean imputation for wage distributions also is applied to establishments that provide reports with occupational totals but partial or missing wage data.

Weighting and benchmarking. The sample establishments in each panel are weighted to represent all establishments that were part of the in-scope frame from which the panel was selected. Based on the sampled establishments, sampling weights are adjusted when six panels are combined. Sampling weights are further adjusted by the ratio of employment totals (the average of November 2004 and May 2005 employment) from the BLS Quarterly Census of Employment and Wages to employment totals from the OES survey.

May 2005 OES survey estimates. The May 2005 OES survey estimates are based on all data collected from establishments in the May 2005, November 2004, May 2004, November 2003, May 2003, and November 2002 semiannual samples.

Reliability of the estimates. Estimates calculated from a sample survey are subject to two types of error: sampling and nonsampling. *Sampling error* occurs when estimates are calculated from a subset (that is, a sample) of the population instead of the full population. When a sample of the population is surveyed, there is a chance that the sample estimate of the characteristic of interest may differ from the population value of that characteristic. Differences between the sample estimate and the population value will vary depending on the sample selected. This variability can be estimated by calculating the standard error (SE) of the sample estimate. If we were to repeat the sampling and estimation process countless times using the same survey design, approximately 90 percent of the intervals created by adding and subtracting 1.645 SEs from the sample estimate would include the population value. These intervals are called 90-percent confidence intervals. The OES survey, however, usually uses the relative standard error (RSE) of a sample estimate instead of its SE to measure sampling error. RSE is

defined as the SE of a sample estimate divided by the sample estimate itself. This statistic provides the user with a measure of the relative precision of the sample estimate. RSEs are calculated for both occupational employment and mean wage rate estimates. Occupational employment RSEs are calculated using a subsample, random group replication technique called the Jackknife. Mean wage rate RSEs are calculated using a variance components model that accounts for both the observed and unobserved components of the wage data. The variances of the unobserved components are estimated using wage data from the BLS National Compensation Survey. In general, estimates based on many establishments have lower RSEs than estimates based on few establishments. If the distributional assumptions of the models are violated, the resulting confidence intervals may not reflect the prescribed level of confidence.

Nonsampling error occurs for a variety of reasons, none of which are directly connected to sampling. Examples of nonsampling error include: nonresponse, data incorrectly reported by the respondent, mistakes made in entering collected data into the database, and mistakes made in editing and processing the collected data.

Results of significance testing. The OES significance tests in this release compared wage and employment data for the 22 major occupational groups in the Tampa-St. Petersburg-Clearwater metropolitan area to their respective national averages. Those occupations with wages or employment shares above or below the national average or share after testing for significance at the 90 percent confidence interval are identified in the table below. NOTE: A value that is statistically different from another does not necessarily mean the difference has economic or practical significance. Statistical significance is concerned with our ability to make confident statements about a universe based on a sample. It is entirely possible that a large difference between two values is not significantly different statistically, while a small difference is, since both the size and the heterogeneity of the sample affect the relative error of the data being tested.

Employment and wage data by occupation for the U.S. and Tampa-St. Petersburg-Clearwater, May 2005

Major occupational group	Employment share (percent of total)			Mean hourly wage		
	U.S.	Tampa-St. Petersburg- Clearwater	Significant difference ¹	U.S.	Tampa-St. Petersburg- Clearwater	Significant difference ¹
Management	4.6	3.1	yes	\$42.52	\$43.66	yes
Business and financial operations	4.2	4.2	no	27.85	26.15	yes
Computer and mathematical	2.3	2.2	no	32.26	29.35	yes
Architecture and engineering	1.8	1.4	yes	30.73	25.78	yes
Life, physical, and social science	0.9	0.7	no	27.90	22.41	yes
Community and social services	1.3	1.0	yes	18.04	16.23	yes
Legal	0.8	0.9	yes	38.98	37.04	no
Education, training, and library	6.2	4.3	yes	20.89	19.69	no
Arts, design, entertainment, sports, and media	1.3	1.1	yes	21.30	20.05	yes
Healthcare practitioners and technical	5.0	5.3	no	28.45	26.78	yes
Healthcare support	2.6	2.5	no	11.47	11.44	no
Protective service	2.3	2.3	no	17.19	16.58	no
Food preparation and serving related	8.3	9.1	yes	8.58	8.70	no
Building and grounds cleaning and maintenance	3.3	3.7	yes	10.55	9.75	yes
Personal care and service	2.4	2.4	no	10.67	9.75	yes
Sales and related	10.7	12.0	yes	15.77	16.67	yes
Office and administrative support	17.5	20.1	yes	14.28	13.35	yes
Farming, fishing, and forestry	0.3	0.4	yes	10.10	7.74	yes
Construction and extraction	4.9	6.4	yes	18.39	14.99	yes
Installation, maintenance, and repair	4.1	3.8	yes	18.30	16.79	yes
Production	7.9	5.3	yes	14.37	12.84	yes
Transportation and material moving	7.4	7.9	no	13.85	11.42	yes

¹ Statistical significance testing at the 90 percent confidence interval.

Additional information

The May 2005 OES national data by occupation, comparable to data in table 1, is available on the BLS Web site at www.bls.gov/oes. Users also may access each occupation's definition and percentile wages. The May 2005 cross-industry data for states and metropolitan areas are available on the BLS Web site. Industry staffing patterns at the sector, 3-, 4-, and selected 5-digit NAICS levels are also available on the Internet. These data include industry-specific occupational employment and wage data.

OES information is also available through our regional web page at www.bls.gov/ro4/home.htm and on our fax-on-demand system. For a catalog of items available to be faxed to you, call our fax-on-demand number at 404-331-3403. If you have additional questions, you can contact an economist in the Southeast BLS information office at 404-331-3415. Information in this release will be made available to sensory impaired individuals upon request. Voice phone: 202-691-5200; TDD message referral phone number: 1-800-877-8339.

Table 1. Employment and wage data from the Occupational Employment Statistics survey, by occupation, Tampa-St. Petersburg-Clearwater, Florida, Metropolitan Statistical Area, May 2005

Occupation Title	Employment (1)	Median Hourly	Mean Hourly	Mean Annual (2)
Total, all Occupations	1,222,940	\$12.84	\$16.53	\$34,380
Management Occupations	37,570	38.50	43.66	90,820
Chief Executives	4,070	(4)	69.04	143,600
General and Operations Managers	9,510	40.61	46.12	95,930
Legislators	180	(3)	(3)	32,020
Advertising and Promotions Managers	210	39.75	43.19	89,840
Marketing Managers	1,100	39.03	42.03	87,420
Sales Managers	2,500	47.95	50.68	105,420
Public Relations Managers	300	32.19	34.55	71,870
Administrative Services Managers	1,450	30.23	32.47	67,530
Computer and Information Systems Managers	1,380	41.39	44.03	91,580
Financial Managers	3,390	39.68	41.76	86,870
Compensation and Benefits Managers	470	35.94	36.89	76,720
Training and Development Managers	200	34.50	45.93	95,520
Human Resources Managers, All Other	200	35.11	37.70	78,410
Industrial Production Managers	650	36.39	41.53	86,380
Purchasing Managers	290	38.39	40.24	83,700
Transportation, Storage, and Distribution Managers	420	35.90	36.53	75,970
Construction Managers	2,400	35.04	37.11	77,200
Education Administrators, Preschool and Child Care Center/Program	130	19.99	20.60	42,840
Education Administrators, Elementary and Secondary School	1,400	(3)	(3)	68,410
Education Administrators, Postsecondary	220	32.24	37.85	78,740
Education Administrators, All Other	140	30.40	30.40	63,240
Engineering Managers	780	44.68	48.11	100,070
Food Service Managers	770	26.34	26.86	55,860
Funeral Directors	(6)	23.43	25.80	53,670
Lodging Managers	220	23.10	24.53	51,030
Medical and Health Services Managers	1,420	32.92	37.87	78,780
Natural Sciences Managers	130	36.18	38.07	79,180
Postmasters and Mail Superintendents	40	35.12	34.59	71,950
Property, Real Estate, and Community Association Managers	890	17.47	23.42	48,710
Social and Community Service Managers	700	24.59	29.33	61,010
Managers, All Other	1,910	34.79	36.58	76,080
Business and Financial Operations Occupations	51,240	22.23	26.15	54,390
Agents and Business Managers of Artists, Performers, and Athletes	60	21.53	23.67	49,230
Purchasing Agents and Buyers, Farm Products	(6)	24.39	25.51	53,060
Wholesale and Retail Buyers, Except Farm Products	1,520	18.96	20.85	43,380
Purchasing Agents, Except Wholesale, Retail, and Farm Products	2,410	19.89	21.98	45,730
Claims Adjusters, Examiners, and Investigators	3,710	20.51	21.97	45,700
Insurance Appraisers, Auto Damage	160	22.21	21.82	45,390
Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	960	20.47	22.19	46,150
Cost Estimators	1,510	23.72	24.48	50,920
Employment, Recruitment, and Placement Specialists	2,340	18.15	20.81	43,290
Compensation, Benefits, and Job Analysis Specialists	950	20.02	22.15	46,060
Training and Development Specialists	2,060	20.59	21.88	45,510
Human Resources, Training, and Labor Relations Specialists, All Other	1,870	20.02	21.58	44,880
Logisticians	270	26.91	28.20	58,660
Management Analysts	4,140	35.20	41.15	85,580
Meeting and Convention Planners	590	16.59	18.25	37,970
Business Operations Specialists, All Other	5,640	23.92	26.11	54,310
Accountants and Auditors	10,000	23.62	27.44	57,080
Appraisers and Assessors of Real Estate	810	21.40	24.40	50,750
Budget Analysts	350	25.48	26.31	54,730
Credit Analysts	520	21.05	25.68	53,420
Financial Analysts	1,190	23.83	30.20	62,810
Personal Financial Advisors	1,610	28.29	43.36	90,180
Insurance Underwriters	1,890	23.34	24.58	51,120
Financial Examiners	110	39.03	39.52	82,190
Loan Counselors	70	13.77	14.05	29,220
Loan Officers	3,160	22.20	25.47	52,970
Tax Examiners, Collectors, and Revenue Agents	580	16.62	21.54	44,790
Tax Preparers	1,120	10.27	11.27	23,440
Financial Specialists, All Other	1,420	20.66	23.18	48,220
Computer and Mathematical Occupations	27,470	27.32	29.35	61,050
Computer and Information Scientists, Research	(6)	34.04	33.60	69,880
Computer Programmers	3,280	26.42	27.97	58,170

See footnotes at end of table.

Table 1. Employment and wage data from the Occupational Employment Statistics survey, by occupation, Tampa-St. Petersburg-Clearwater, Florida, Metropolitan Statistical Area, May 2005--Continued

Occupation Title	Employment (1)	Median Hourly	Mean Hourly	Mean Annual (2)
Computer Software Engineers, Applications	2,730	\$37.10	\$42.90	\$89,230
Computer Support Specialists	5,420	16.16	17.67	36,750
Computer Systems Analysts	4,190	29.75	31.33	65,170
Database Administrators	600	25.84	28.21	58,670
Network and Computer Systems Administrators	1,840	26.62	28.22	58,700
Network Systems and Data Communications Analysts	1,980	26.58	28.14	58,540
Computer Specialists, All Other	670	20.68	25.49	53,020
Actuaries	110	38.03	39.73	82,630
Operations Research Analysts	790	21.77	22.94	47,720
Statisticians	80	24.85	26.15	54,400
Architecture and Engineering Occupations	17,420	23.39	25.78	53,620
Architects, Except Landscape and Naval	750	27.38	31.64	65,800
Landscape Architects	260	19.05	21.99	45,730
Cartographers and Photogrammetrists	(6)	18.20	18.49	38,470
Surveyors	600	22.22	24.04	49,990
Aerospace Engineers	(6)	27.70	28.37	59,020
Chemical Engineers	120	33.83	33.48	69,640
Civil Engineers	1,980	31.91	32.75	68,130
Computer Hardware Engineers	240	32.78	35.80	74,460
Electrical Engineers	1,190	35.58	34.38	71,510
Electronics Engineers, Except Computer	640	26.31	26.99	56,130
Environmental Engineers	590	27.16	31.74	66,020
Health and Safety Engineers, Except Mining Safety				
Engineers and Inspectors	(6)	(4)	67.26	139,910
Industrial Engineers	1,260	26.34	27.73	57,690
Marine Engineers and Naval Architects	(6)	35.12	36.54	76,000
Materials Engineers	40	26.51	31.25	64,990
Mechanical Engineers	720	30.86	31.97	66,500
Engineers, All Other	(6)	26.87	28.74	59,780
Architectural and Civil Drafters	1,120	18.62	19.53	40,630
Electrical and Electronics Drafters	240	17.06	19.06	39,650
Mechanical Drafters	300	19.82	21.84	45,430
Drafters, All Other	150	18.38	17.39	36,180
Aerospace Engineering and Operations Technicians	(6)	22.73	22.58	46,970
Civil Engineering Technicians	890	17.79	18.98	39,490
Electrical and Electronic Engineering Technicians	1,650	20.16	20.15	41,910
Electro-Mechanical Technicians	290	15.53	16.49	34,300
Environmental Engineering Technicians	150	15.50	15.61	32,460
Industrial Engineering Technicians	330	16.37	17.38	36,140
Mechanical Engineering Technicians	190	21.10	22.33	46,460
Engineering Technicians, Except Drafters, All Other	240	21.71	21.26	44,220
Surveying and Mapping Technicians	1,490	13.14	14.47	30,090
Life, Physical, and Social Science Occupations	8,880	19.23	22.41	46,620
Food Scientists and Technologists	30	18.41	22.87	47,570
Zoologists and Wildlife Biologists	260	20.14	21.17	44,040
Biological Scientists, All Other	130	17.69	21.01	43,710
Conservation Scientists	60	31.22	32.49	67,590
Foresters	30	18.18	19.41	40,380
Medical Scientists, Except Epidemiologists	220	36.71	44.04	91,600
Life Scientists, All Other	(6)	22.20	23.56	49,010
Atmospheric and Space Scientists	30	39.16	43.78	91,050
Chemists	380	22.93	25.97	54,030
Environmental Scientists and Specialists, Including				
Health	860	21.28	23.67	49,240
Geoscientists, Except Hydrologists and Geographers	150	26.18	28.68	59,660
Hydrologists	(6)	27.24	29.38	61,110
Physical Scientists, All Other	(6)	26.41	29.30	60,940
Economists	60	39.01	50.74	105,550
Market Research Analysts	1,080	20.96	25.00	52,000
Survey Researcher	(6)	13.01	15.09	31,380
Clinical, Counseling, and School Psychologists	590	25.35	27.38	56,950
Psychologists, All Other	40	40.61	35.26	73,340
Urban and Regional Planners	310	24.28	25.92	53,910
Social Scientists and Related Workers, All Other	320	30.30	30.46	63,350
Biological Technicians	90	15.50	15.42	32,080
Chemical Technicians	330	12.82	13.86	28,830
Social Science Research Assistants	(6)	14.20	15.41	32,060
Environmental Science and Protection Technicians,				
Including Health	400	15.40	15.97	33,210
Forensic Science Technicians	270	19.59	20.05	41,700
Life, Physical, and Social Science Technicians, All				
Other	660	15.50	16.71	34,760

See footnotes at end of table.

Table 1. Employment and wage data from the Occupational Employment Statistics survey, by occupation, Tampa-St. Petersburg-Clearwater, Florida, Metropolitan Statistical Area, May 2005--Continued

Occupation Title	Employment (1)	Median Hourly	Mean Hourly	Mean Annual (2)
Community and Social Services Occupations	12,230	\$14.82	\$16.23	\$33,750
Substance Abuse and Behavioral Disorder Counselors	380	14.66	16.99	35,350
Educational, Vocational, and School Counselors	1,090	22.55	23.24	48,330
Marriage and Family Therapists	(6)	21.49	21.69	45,110
Mental Health Counselors	590	14.23	15.20	31,620
Rehabilitation Counselors	500	13.61	14.70	30,570
Counselors, All Other	410	16.60	16.97	35,300
Child, Family, and School Social Workers	1,810	15.50	16.61	34,550
Medical and Public Health Social Workers	830	16.74	17.67	36,750
Mental Health and Substance Abuse Social Workers	920	12.44	13.29	27,650
Social Workers, All Other	380	18.51	19.73	41,040
Health Educators	210	21.83	22.23	46,250
Probation Officers and Correctional Treatment Specialists	780	17.13	17.64	36,690
Social and Human Service Assistants	2,850	11.76	12.26	25,510
Community and Social Service Specialists, All Other	980	17.72	18.39	38,240
Clergy	340	10.07	14.52	30,200
Directors, Religious Activities and Education	70	14.83	14.98	31,150
Religious Workers, All Other	(6)	12.77	12.69	26,400
Legal Occupations	10,450	27.69	37.04	77,040
Lawyers	5,670	43.06	51.24	106,580
Administrative Law Judges, Adjudicators, and Hearing Officers	130	38.37	37.05	77,070
Judges, Magistrate Judges, and Magistrates	130	63.19	60.88	126,620
Paralegals and Legal Assistants	2,350	19.09	19.57	40,710
Law Clerks	410	17.09	16.35	34,010
Title Examiners, Abstractors, and Searchers	480	15.49	16.85	35,050
Legal Support Workers, All Other	830	21.13	21.58	44,890
Education, Training, and Library Occupations	53,180	17.81	19.69	40,960
Business Teachers, Postsecondary	330	(3)	(3)	60,060
Computer Science Teachers, Postsecondary	200	(3)	(3)	55,410
Mathematical Science Teachers, Postsecondary	260	(3)	(3)	48,490
Engineering Teachers, Postsecondary	180	(3)	(3)	80,180
Agricultural Sciences Teachers, Postsecondary	(6)	(3)	(3)	83,990
Biological Science Teachers, Postsecondary	160	(3)	(3)	52,020
Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	150	(3)	(3)	39,410
Chemistry Teachers, Postsecondary	80	(3)	(3)	57,350
Environmental Science Teachers, Postsecondary	30	(3)	(3)	38,190
Physics Teachers, Postsecondary	50	(3)	(3)	67,350
Anthropology and Archeology Teachers, Postsecondary	30	(3)	(3)	62,760
Economics Teachers, Postsecondary	90	(3)	(3)	62,830
Political Science Teachers, Postsecondary	80	(3)	(3)	56,530
Psychology Teachers, Postsecondary	210	(3)	(3)	57,880
Sociology Teachers, Postsecondary	60	(3)	(3)	58,460
Health Specialties Teachers, Postsecondary	640	(3)	(3)	75,840
Nursing Instructors and Teachers, Postsecondary	200	(3)	(3)	52,290
Education Teachers, Postsecondary	240	(3)	(3)	53,320
Law Teachers, Postsecondary	100	(3)	(3)	152,740
Social Work Teachers, Postsecondary	30	(3)	(3)	57,220
Art, Drama, and Music Teachers, Postsecondary	260	(3)	(3)	47,560
Communications Teachers, Postsecondary	140	(3)	(3)	55,540
English Language and Literature Teachers, Postsecondary	370	(3)	(3)	50,780
Foreign Language and Literature Teachers, Postsecondary	90	(3)	(3)	45,750
History Teachers, Postsecondary	100	(3)	(3)	48,730
Philosophy and Religion Teachers, Postsecondary	90	(3)	(3)	51,540
Recreation and Fitness Studies Teachers, Postsecondary	80	(3)	(3)	44,330
Vocational Education Teachers, Postsecondary	560	21.96	22.42	46,640
Postsecondary Teachers, All Other	2,260	(3)	(3)	76,460
Preschool Teachers, Except Special Education	3,050	11.10	13.37	27,810
Elementary School Teachers, Except Special Education	7,810	(3)	(3)	44,420
Secondary School Teachers, Except Special and Vocational Education	4,420	(3)	(3)	46,780
Vocational Education Teachers, Secondary School	680	(3)	(3)	48,970
Adult Literacy, Remedial Education, and GED Teachers and Instructors	160	23.26	23.80	49,500
Self-Enrichment Education Teachers	1,990	16.77	16.38	34,070
Curators	(6)	22.94	24.71	51,400
Museum Technicians and Conservators	(6)	13.82	16.17	33,640
Librarians	900	21.14	22.45	46,700
Library Technicians	530	11.10	11.65	24,230
Farm and Home Management Advisors	40	22.44	25.89	53,850
Instructional Coordinators	770	24.49	24.19	50,310

See footnotes at end of table.

Table 1. Employment and wage data from the Occupational Employment Statistics survey, by occupation, Tampa-St. Petersburg-Clearwater, Florida, Metropolitan Statistical Area, May 2005--Continued

Occupation Title	Employment (1)	Median Hourly	Mean Hourly	Mean Annual (2)
Teacher Assistants(259041)	7,090	(3)	(3)	\$18,960
Education, Training, and Library Workers, All Other	1,090	13.71	17.88	37,190
Arts, Design, Entertainment, Sports, and Media Occupations	13,630	17.66	20.05	41,700
Art Directors	90	25.64	30.68	63,820
Fine Artists, Including Painters, Sculptors, and Illustrators	170	6.92	13.57	28,220
Multi-Media Artists and Animators	190	21.57	25.41	52,860
Floral Designers	310	12.21	12.40	25,780
Graphic Designers	2,230	15.14	16.89	35,140
Interior Designers	560	19.78	21.41	44,540
Merchandise Displayers and Window Trimmers	310	10.24	11.03	22,940
Set and Exhibit Designers	(6)	14.98	16.10	33,480
Designers, All Other	80	20.23	21.79	45,320
Actors	(6)	8.26	18.51	(5)
Producers and Directors	310	20.95	21.42	44,550
Athletes and Sports Competitors	(6)	(3)	(3)	32,470
Coaches and Scouts	1,050	(3)	(3)	38,570
Umpires, Referees, and Other Sports Officials	80	(3)	(3)	35,230
Dancers	160	13.14	15.76	(5)
Musicians and Singers	280	21.78	19.68	(5)
Entertainers and Performers, Sports and Related Workers, All Other	100	18.83	27.92	(5)
Radio and Television Announcers	300	10.17	19.95	41,500
Public Relations Specialists	3,710	20.16	22.32	46,420
Editors	510	25.40	26.79	55,720
Technical Writers	250	31.55	29.71	61,800
Writers and Authors	170	19.35	21.29	44,280
Audio and Video Equipment Technicians	270	14.22	14.51	30,190
Broadcast Technicians	320	14.42	15.66	32,570
Photographers	380	11.89	13.19	27,430
Camera Operators, Television, Video, and Motion Picture	190	20.51	19.95	41,500
Film and Video Editors	90	12.95	15.75	32,770
Media and Communication Equipment Workers, All Other	90	31.48	30.74	63,930
Healthcare Practitioner and Technical Occupations	64,560	21.94	26.78	55,700
Chiropractors	410	22.94	25.41	52,850
Dentists, General	930	41.82	52.40	108,990
Dietitians and Nutritionists	400	20.38	20.72	43,100
Optometrists	110	64.84	65.12	135,460
Pharmacists	3,040	42.58	41.75	86,840
Anesthesiologists	120	(4)	84.18	175,100
Family and General Practitioners	1,370	64.02	64.82	134,830
Internists, General	370	(4)	86.64	180,200
Obstetricians and Gynecologists	(6)	(4)	84.17	175,080
Pediatricians, General	(6)	(4)	81.52	169,560
Psychiatrists	90	(4)	74.91	155,810
Surgeons	(6)	(4)	93.52	194,530
Physicians and Surgeons, All Other	1,320	57.74	62.88	130,800
Physician Assistants	410	35.67	32.38	67,350
Podiatrists	(6)	44.32	43.69	90,880
Registered Nurses	21,260	24.58	25.46	52,960
Audiologists	60	35.61	34.35	71,460
Occupational Therapists	820	30.15	29.71	61,800
Physical Therapists	1,410	32.31	33.57	69,830
Radiation Therapists	60	29.88	30.38	63,180
Recreational Therapists	90	18.10	20.01	41,610
Respiratory Therapists	890	19.49	19.46	40,480
Speech-Language Pathologists	770	27.05	27.40	57,000
Therapists, All Other	(6)	21.14	22.76	47,330
Veterinarians	340	29.20	29.63	61,640
Health Diagnosing and Treating Practitioners, All Other	570	25.14	32.10	66,760
Medical and Clinical Laboratory Technologists	1,440	21.66	25.15	52,300
Medical and Clinical Laboratory Technicians	910	15.02	15.46	32,150
Dental Hygienists	1,600	21.67	22.30	46,390
Cardiovascular Technologists and Technicians	510	19.60	18.93	39,360
Diagnostic Medical Sonographers	540	22.85	23.24	48,340
Nuclear Medicine Technologists	160	27.90	27.89	58,020
Radiologic Technologists and Technicians	2,350	21.80	21.82	45,390
Emergency Medical Technicians and Paramedics	1,450	12.69	13.90	28,910
Dietetic Technicians	230	8.37	9.30	19,350
Pharmacy Technicians	3,220	10.87	11.38	23,680
Psychiatric Technicians	470	8.81	9.41	19,580

See footnotes at end of table.

Table 1. Employment and wage data from the Occupational Employment Statistics survey, by occupation, Tampa-St. Petersburg-Clearwater, Florida, Metropolitan Statistical Area, May 2005--Continued

Occupation Title	Employment (1)	Median Hourly	Mean Hourly	Mean Annual (2)
Respiratory Therapy Technicians	250	\$16.71	\$16.71	\$34,750
Surgical Technologists	1,010	16.33	17.44	36,270
Veterinary Technologists and Technicians	750	11.01	11.51	23,940
Licensed Practical and Licensed Vocational Nurses	9,450	16.90	17.02	35,400
Medical Records and Health Information Technicians	1,280	11.87	12.91	26,850
Opticians, Dispensing	800	15.99	15.52	32,270
Health Technologists and Technicians, All Other	1,050	12.86	14.45	30,050
Occupational Health and Safety Specialists	220	28.26	28.27	58,810
Occupational Health and Safety Technicians	(6)	20.92	22.92	47,670
Athletic Trainers	80	(3)	(3)	36,910
Healthcare Practitioner and Technical Workers, All Other	320	14.44	21.92	45,590
Healthcare Support Occupations	30,810	10.73	11.44	23,790
Home Health Aides	2,960	9.82	10.32	21,470
Nursing Aides, Orderlies, and Attendants	14,080	10.26	10.46	21,760
Psychiatric Aides	170	9.51	9.65	20,070
Occupational Therapist Assistants	180	20.24	20.59	42,820
Physical Therapist Assistants	790	17.76	17.26	35,890
Physical Therapist Aides	160	10.26	11.14	23,170
Massage Therapists	390	15.30	17.86	37,140
Dental Assistants	2,380	13.36	13.77	28,640
Medical Assistants	4,370	11.96	12.34	25,660
Medical Equipment Preparers	570	9.54	9.76	20,290
Medical Transcriptionists	400	14.35	14.05	29,230
Pharmacy Aides	440	8.54	9.28	19,290
Veterinary Assistants and Laboratory Animal Caretakers	780	8.41	8.47	17,620
Healthcare Support Workers, All Other	3,120	12.17	12.24	25,450
Protective Service Occupations	27,780	15.16	16.58	34,490
First-Line Supervisors/Managers of Correctional Officers	170	29.74	29.56	61,480
First-Line Supervisors/Managers of Police and Detectives	410	35.82	36.50	75,910
First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	550	28.58	28.95	60,210
First-Line Supervisors/Managers, Protective Service Workers, All Other	300	17.61	19.51	40,570
Fire Fighters	2,630	18.42	18.99	39,510
Fire Inspectors and Investigators	110	22.34	23.43	48,730
Correctional Officers and Jailers	4,330	17.23	18.93	39,370
Detectives and Criminal Investigators	950	27.03	28.35	58,960
Parking Enforcement Workers	100	13.32	14.23	29,600
Police and Sheriff's Patrol Officers	4,910	22.85	22.88	47,590
Animal Control Workers	70	12.54	12.95	26,940
Private Detectives and Investigators	570	16.67	16.81	34,960
Security Guards	9,340	8.92	9.57	19,900
Crossing Guards	380	9.96	10.02	20,840
Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	650	8.15	8.65	17,990
Protective Service Workers, All Other	2,140	14.04	14.72	30,610
Food Preparation and Serving Related Occupations	110,810	7.53	8.70	18,110
Chefs and Head Cooks	1,190	16.12	16.05	33,390
First-Line Supervisors/Managers of Food Preparation and Serving Workers	6,500	15.22	15.83	32,920
Cooks, Fast Food	3,770	7.42	7.55	15,700
Cooks, Institution and Cafeteria	1,960	10.31	11.00	22,870
Cooks, Restaurant	8,740	10.08	10.23	21,280
Cooks, Short Order	(6)	8.94	9.31	19,370
Cooks, All Other	60	10.84	11.22	23,340
Food Preparation Workers	6,680	8.31	8.79	18,290
Bartenders	4,710	6.76	8.07	16,790
Combined Food Preparation and Serving Workers, Including Fast Food	23,360	7.00	7.46	15,510
Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	6,590	7.04	7.65	15,910
Waiters and Waitresses	32,400	6.75	8.00	16,630
Food Servers, Non-restaurant	1,970	7.95	8.57	17,830
Dining Room and Cafeteria Attendants and Bartender Helpers	2,910	6.77	7.23	15,030
Dishwashers	3,850	7.62	7.79	16,200
Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	3,770	7.57	8.10	16,860
Food Preparation and Serving Related Workers, All Other	910	9.25	11.24	23,370
Building and Grounds Cleaning and Maintenance Occupations	44,650	8.67	9.75	20,280
First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	2,020	15.12	15.31	31,840

See footnotes at end of table.

Table 1. Employment and wage data from the Occupational Employment Statistics survey, by occupation, Tampa-St. Petersburg-Clearwater, Florida, Metropolitan Statistical Area, May 2005--Continued

Occupation Title	Employment (1)	Median Hourly	Mean Hourly	Mean Annual (2)
First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	1,210	\$18.14	\$17.98	\$37,400
Janitors and Cleaners, Except Maids and Housekeeping Cleaners	17,680	8.21	8.95	18,620
Maids and Housekeeping Cleaners	9,510	7.71	7.92	16,470
Building Cleaning Workers, All Other	(6)	12.22	12.53	26,070
Pest Control Workers	1,670	11.73	12.67	26,360
Landscaping and Groundskeeping Workers	11,210	9.63	9.97	20,730
Pesticide Handlers, Sprayers, and Applicators, Vegetation	520	11.12	11.98	24,930
Grounds Maintenance Workers, All Other	(6)	9.78	10.83	22,520
Personal Care and Service Occupations	28,930	8.40	9.75	20,280
First-Line Supervisors/Managers of Personal Service Workers	1,090	15.08	16.67	34,670
Nonfarm Animal Caretakers	710	8.13	9.09	18,900
Motion Picture Projectionists	(6)	7.55	8.69	18,080
Ushers, Lobby Attendants, and Ticket Takers	1,250	6.75	7.24	15,060
Amusement and Recreation Attendants	3,440	6.78	7.59	15,790
Costume Attendants	40	8.33	10.44	21,710
Locker Room, Coatroom, and Dressing Room Attendants	270	8.18	8.63	17,960
Embalmers	200	18.63	18.25	37,960
Funeral Attendants	280	9.28	9.72	20,220
Hairdressers, Hairstylists, and Cosmetologists	3,790	9.76	10.94	22,760
Manicurists and Pedicurists	(6)	9.71	9.97	20,740
Shampooers	(6)	7.45	7.47	15,540
Skin Care Specialists	150	10.97	14.43	30,010
Baggage Porters and Bellhops	1,140	6.72	8.46	17,600
Concierges	270	8.25	8.80	18,310
Travel Guides	(6)	13.24	14.31	29,760
Child Care Workers	6,120	8.29	8.66	18,020
Personal and Home Care Aides	920	10.37	10.06	20,930
Fitness Trainers and Aerobics Instructors	2,000	12.56	14.03	29,190
Recreation Workers	2,850	9.19	9.85	20,480
Residential Advisors	790	8.14	8.67	18,030
Personal Care and Service Workers, All Other	590	9.74	10.00	20,790
Sales and Related Occupations	146,260	11.40	16.67	34,670
First-Line Supervisors/Managers of Retail Sales Workers	8,510	16.61	20.23	42,070
First-Line Supervisors/Managers of Non-Retail Sales Workers	3,090	30.27	34.61	72,000
Cashiers	28,340	7.58	7.94	16,510
Counter and Rental Clerks	3,920	9.75	11.32	23,550
Parts Salespersons	1,820	13.65	15.11	31,420
Retail Salespersons	39,980	9.43	11.75	24,440
Advertising Sales Agents	1,170	21.09	26.01	54,100
Insurance Sales Agents	4,130	18.85	25.47	52,980
Securities, Commodities, and Financial Services Sales Agents	3,030	33.25	46.04	95,770
Travel Agents	820	12.86	13.62	28,340
Sales Representatives, Services, All Other	7,970	19.33	22.73	47,290
Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	4,380	24.76	30.59	63,620
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	16,590	21.25	25.03	52,060
Demonstrators and Product Promoters	540	9.10	11.51	23,950
Real Estate Brokers	(6)	21.48	33.10	68,850
Real Estate Sales Agents	(6)	19.35	27.44	57,070
Sales Engineers	730	43.07	46.58	96,880
Telemarketers	12,240	9.55	10.69	22,230
Sales and Related Workers, All Other	4,320	15.77	16.53	34,390
Office and Administrative Support Occupations	245,480	12.35	13.35	27,780
First-Line Supervisors/Managers of Office and Administrative Support Workers	11,850	20.40	22.57	46,950
Switchboard Operators, Including Answering Service	2,300	9.87	10.07	20,940
Telephone Operators	(6)	14.17	15.04	31,290
Bill and Account Collectors	6,260	13.58	16.34	33,990
Billing and Posting Clerks and Machine Operators	4,200	13.02	13.86	28,820
Bookkeeping, Accounting, and Auditing Clerks	18,770	13.06	13.67	28,440
Payroll and Timekeeping Clerks	2,020	12.77	12.99	27,020
Procurement Clerks	490	14.71	14.75	30,670
Tellers	5,700	10.69	11.16	23,210
Brokerage Clerks	640	15.22	15.51	32,270
Correspondence Clerks	(6)	11.13	11.92	24,780
Court, Municipal, and License Clerks	(6)	13.52	14.33	29,820

See footnotes at end of table.

Table 1. Employment and wage data from the Occupational Employment Statistics survey, by occupation, Tampa-St. Petersburg-Clearwater, Florida, Metropolitan Statistical Area, May 2005--Continued

Occupation Title	Employment (1)	Median Hourly	Mean Hourly	Mean Annual (2)
Credit Authorizers, Checkers, and Clerks	600	\$13.44	\$14.34	\$29,820
Customer Service Representatives	29,100	13.02	13.66	28,410
Eligibility Interviewers, Government Programs	250	13.14	13.80	28,710
File Clerks	3,180	10.94	11.51	23,950
Hotel, Motel, and Resort Desk Clerks	1,510	8.75	9.00	18,730
Interviewers, Except Eligibility and Loan	2,450	10.88	11.26	23,420
Library Assistants, Clerical	440	9.40	9.46	19,670
Loan Interviewers and Clerks	3,640	15.40	16.33	33,970
New Accounts Clerks	780	13.07	13.39	27,850
Order Clerks	2,200	12.08	12.55	26,100
Human Resources Assistants, Except Payroll and Timekeeping	1,900	13.27	13.81	28,730
Receptionists and Information Clerks	11,170	10.12	10.52	21,880
Reservation and Transportation Ticket Agents and Travel Clerks	3,630	14.30	15.11	31,420
Information and Record Clerks, All Other	3,140	14.18	15.37	31,960
Cargo and Freight Agents	410	17.46	17.95	37,340
Couriers and Messengers	1,100	10.26	10.62	22,090
Police, Fire, and Ambulance Dispatchers	830	15.79	16.20	33,690
Dispatchers, Except Police, Fire, and Ambulance	1,440	14.50	15.24	31,690
Meter Readers, Utilities	320	12.84	13.70	28,490
Postal Service Clerks	570	23.29	22.55	46,910
Postal Service Mail Carriers	3,150	22.29	21.43	44,570
Postal Service Mail Sorters, Processors, and Processing Machine Operators	1,890	22.33	21.49	44,690
Production, Planning, and Expediting Clerks	1,570	16.31	17.15	35,670
Shipping, Receiving, and Traffic Clerks	5,900	11.67	12.67	26,350
Stock Clerks and Order Fillers	20,200	8.73	9.54	19,840
Weighers, Measurers, Checkers, and Samplers, Recordkeeping	600	12.48	12.85	26,740
Executive Secretaries and Administrative Assistants	13,640	15.64	16.24	33,770
Legal Secretaries	3,250	16.46	16.23	33,760
Medical Secretaries	(6)	12.15	12.58	26,170
Secretaries, Except Legal, Medical, and Executive	18,450	11.49	12.11	25,190
Computer Operators	1,010	15.03	15.72	32,690
Data Entry Keyers	5,010	12.05	12.26	25,490
Word Processors and Typists	800	11.66	12.52	26,050
Desktop Publishers	390	14.90	15.90	33,070
Insurance Claims and Policy Processing Clerks	(6)	13.47	14.03	29,180
Mail Clerks and Mail Machine Operators, Except Postal Service	1,370	10.36	10.76	22,370
Office Clerks, General	34,790	10.41	10.83	22,520
Office Machine Operators, Except Computer	620	11.10	11.95	24,860
Proofreaders and Copy Markers	240	11.16	11.41	23,720
Statistical Assistants	240	14.47	14.93	31,050
Office and Administrative Support Workers, All Other	1,440	8.35	11.00	22,880
Farming, Fishing, and Forestry Occupations	4,790	6.83	7.74	16,100
First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	(6)	20.42	21.10	43,880
Agricultural Inspectors	50	16.29	16.60	34,530
Graders and Sorters, Agricultural Products	1,680	6.60	6.64	13,800
Agricultural Equipment Operators	(6)	8.46	10.25	21,310
Farmworkers and Laborers, Crop, Nursery, and Greenhouse	2,620	7.00	7.62	15,840
Farmworkers, Farm and Ranch Animals	270	8.17	9.10	18,930
Construction and Extraction Occupations	78,780	13.76	14.99	31,190
First-Line Supervisors/Managers of Construction Trades and Extraction Workers	8,360	21.99	23.25	48,350
Boilermakers	60	22.84	21.86	45,470
Brickmasons and Blockmasons	2,270	16.67	15.89	33,050
Carpenters	8,800	14.63	14.94	31,080
Carpet Installers	80	16.76	18.61	38,700
Tile and Marble Setters	(6)	17.54	19.39	40,330
Cement Masons and Concrete Finishers	2,160	12.58	13.53	28,140
Construction Laborers	15,100	10.83	11.33	23,570
Paving, Surfacing, and Tamping Equipment Operators	990	11.88	12.17	25,320
Operating Engineers and Other Construction Equipment Operators	3,110	13.55	14.64	30,460
Drywall and Ceiling Tile Installers	1,600	15.25	15.76	32,780
Tapers	150	15.00	14.38	29,910
Electricians	6,340	15.23	15.49	32,230
Glaziers	290	15.19	15.61	32,480
Insulation Workers, Floor, Ceiling, and Wall	(6)	12.95	13.73	28,560

See footnotes at end of table.

Table 1. Employment and wage data from the Occupational Employment Statistics survey, by occupation, Tampa-St. Petersburg-Clearwater, Florida, Metropolitan Statistical Area, May 2005--Continued

Occupation Title	Employment (1)	Median Hourly	Mean Hourly	Mean Annual (2)
Insulation Workers, Mechanical	880	\$15.52	\$16.30	\$33,900
Painters, Construction and Maintenance	2,310	12.48	12.65	26,310
Pipelayers	700	12.56	12.99	27,020
Plumbers, Pipefitters, and Steamfitters	3,110	15.99	16.12	33,540
Plasterers and Stucco Masons	880	15.45	15.33	31,880
Reinforcing Iron and Rebar Workers	130	14.12	13.58	28,240
Roofers	1,820	14.80	14.61	30,380
Sheet Metal Workers	1,640	13.65	14.35	29,840
Structural Iron and Steel Workers	440	15.59	15.72	32,700
Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	560	10.13	10.51	21,860
Helpers--Carpenters	910	9.61	9.62	20,010
Helpers--Electricians	1,350	9.65	9.88	20,550
Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	(6)	9.41	9.26	19,260
Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	450	9.91	9.99	20,770
Helpers--Roofers	410	10.83	10.86	22,590
Helpers, Construction Trades, All Other	1,150	8.68	8.90	18,520
Construction and Building Inspectors	1,080	21.53	22.10	45,970
Elevator Installers and Repairers	680	27.96	26.35	54,810
Fence Erectors	(6)	9.59	9.96	20,720
Hazardous Materials Removal Workers	280	12.66	12.64	26,280
Highway Maintenance Workers	800	12.05	12.88	26,800
Construction and Related Workers, All Other	7,460	14.08	14.96	31,110
Earth Drillers, Except Oil and Gas	160	14.85	14.89	30,970
Installation, Maintenance, and Repair Occupations	46,290	15.88	16.79	34,930
First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	3,400	22.24	24.30	50,540
Computer, Automated Teller, and Office Machine Repairers	1,320	17.88	18.38	38,220
Radio Mechanics	30	16.31	17.02	35,400
Telecommunications Equipment Installers and Repairers, Except Line Installers	1,370	21.48	20.65	42,940
Avionics Technicians	30	22.88	22.51	46,820
Electric Motor, Power Tool, and Related Repairers	80	16.41	16.57	34,460
Electrical and Electronics Installers and Repairers, Transportation Equipment	(6)	16.91	17.07	35,500
Electrical and Electronics Repairers, Commercial and Industrial Equipment	600	16.26	16.91	35,170
Electronic Equipment Installers and Repairers, Motor Vehicles	(6)	12.05	11.97	24,900
Electronic Home Entertainment Equipment Installers and Repairers	(6)	13.70	14.15	29,440
Security and Fire Alarm Systems Installers	1,130	16.49	17.13	35,640
Aircraft Mechanics and Service Technicians	560	26.34	25.37	52,760
Automotive Body and Related Repairers	1,780	19.69	20.40	42,430
Automotive Service Technicians and Mechanics	5,760	16.34	17.17	35,710
Bus and Truck Mechanics and Diesel Engine Specialists	1,930	15.90	16.16	33,620
Farm Equipment Mechanics	50	13.50	14.24	29,620
Mobile Heavy Equipment Mechanics, Except Engines	1,180	18.32	18.15	37,750
Motorboat Mechanics	(6)	23.69	22.62	47,060
Motorcycle Mechanics	200	15.44	16.83	35,000
Outdoor Power Equipment and Other Small Engine Mechanics	100	13.45	13.96	29,040
Recreational Vehicle Service Technicians	320	19.08	19.95	41,500
Tire Repairers and Changers	1,070	10.85	11.07	23,030
Mechanical Door Repairers	(6)	15.15	14.83	30,840
Control and Valve Installers and Repairers, Except Mechanical Door	120	17.60	17.42	36,240
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	2,850	16.43	16.88	35,100
Home Appliance Repairers	890	16.62	16.23	33,770
Industrial Machinery Mechanics	680	17.35	17.73	36,870
Maintenance and Repair Workers, General	11,690	12.53	13.36	27,790
Maintenance Workers, Machinery	910	15.28	15.63	32,510
Millwrights	260	15.01	15.06	31,320
Electrical Power-Line Installers and Repairers	1,030	23.42	22.55	46,900
Telecommunications Line Installers and Repairers	1,700	19.27	18.93	39,370
Medical Equipment Repairers	(6)	15.99	17.47	36,350
Precision Instrument and Equipment Repairers, All Other	(6)	20.23	19.63	40,830
Coin, Vending, and Amusement Machine Servicers and Repairers	130	15.07	15.36	31,950
Locksmiths and Safe Repairers	110	10.59	11.88	24,710

See footnotes at end of table.

Table 1. Employment and wage data from the Occupational Employment Statistics survey, by occupation, Tampa-St. Petersburg-Clearwater, Florida, Metropolitan Statistical Area, May 2005--Continued

Occupation Title	Employment (1)	Median Hourly	Mean Hourly	Mean Annual (2)
Riggers	(6)	\$13.11	\$14.19	\$29,520
Helpers--Installation, Maintenance, and Repair Workers	970	10.16	10.52	21,880
Installation, Maintenance, and Repair Workers, All Other	1,570	13.67	14.93	31,050
Production Occupations	64,840	11.48	12.84	26,710
First-Line Supervisors/Managers of Production and Operating Workers	3,610	23.29	24.25	50,430
Coil Winders, Tapers, and Finishers	(6)	8.59	9.39	19,530
Electrical and Electronic Equipment Assemblers	3,410	11.06	11.47	23,860
Electromechanical Equipment Assemblers	610	12.11	12.42	25,840
Structural Metal Fabricators and Fitters	530	14.32	14.44	30,040
Fiberglass Laminators and Fabricators	660	12.19	12.97	26,970
Team Assemblers	7,000	10.63	11.44	23,800
Assemblers and Fabricators, All Other	1,360	9.23	10.39	21,610
Bakers	600	11.33	10.97	22,820
Butchers and Meat Cutters	1,020	12.60	12.70	26,410
Meat, Poultry, and Fish Cutters and Trimmers	1,150	8.04	8.47	17,620
Slaughterers and Meat Packers	100	9.32	9.11	18,960
Food Batchmakers	280	9.93	10.42	21,660
Food Cooking Machine Operators and Tenders	840	9.64	9.69	20,150
Computer-Controlled Machine Tool Operators, Metal and Plastic	530	12.95	13.79	28,670
Numerical Tool and Process Control Programmers	70	19.99	20.46	42,550
Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	500	11.60	11.88	24,700
Forging Machine Setters, Operators, and Tenders, Metal and Plastic	90	12.28	11.68	24,290
Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	90	10.60	11.49	23,910
Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	1,300	10.88	11.36	23,630
Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	110	11.66	11.88	24,710
Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	380	12.63	13.10	27,260
Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	100	15.00	14.92	31,040
Machinists	1,730	15.32	15.69	32,640
Metal-Refining Furnace Operators and Tenders	60	11.11	11.52	23,960
Pourers and Casters, Metal	30	11.22	11.38	23,660
Model Makers, Metal and Plastic	50	21.28	22.14	46,060
Foundry Mold and Coremakers	(6)	12.59	13.56	28,210
Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	640	11.18	12.08	25,130
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	250	12.70	12.96	26,950
Tool and Die Makers	230	18.89	19.42	40,400
Welders, Cutters, Solderers, and Brazers	1,860	14.07	14.61	30,380
Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	(6)	11.73	11.95	24,860
Lay-Out Workers, Metal and Plastic	40	12.13	11.92	24,780
Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	150	12.57	13.12	27,280
Tool Grinders, Filers, and Sharpeners	(6)	14.29	14.43	30,020
Metal Workers and Plastic Workers, All Other	80	13.25	15.27	31,750
Bindery Workers	350	12.31	12.79	26,600
Job Printers	(6)	14.10	13.87	28,840
Prepress Technicians and Workers	620	13.16	13.50	28,080
Printing Machine Operators	1,400	14.46	15.19	31,600
Laundry and Dry-Cleaning Workers	1,750	8.11	8.35	17,360
Pressers, Textile, Garment, and Related Materials	970	8.46	8.78	18,250
Sewing Machine Operators	1,520	9.84	10.20	21,210
Sewers, Hand	(6)	10.43	11.19	23,280
Tailors, Dressmakers, and Custom Sewers	310	8.88	11.97	24,900
Textile Cutting Machine Setters, Operators, and Tenders	(6)	8.71	9.67	20,110
Upholsterers	(6)	14.18	13.63	28,350
Textile, Apparel, and Furnishings Workers, All Other	130	9.25	9.16	19,050
Cabinetmakers and Bench Carpenters	620	11.77	12.63	26,260
Furniture Finishers	(6)	8.59	10.70	22,260
Sawing Machine Setters, Operators, and Tenders, Wood	110	12.76	13.23	27,520
Woodworking Machine Setters, Operators, and Tenders, Except Sawing	300	11.15	11.67	24,260
Woodworkers, All Other	(6)	7.76	8.02	16,680
Power Plant Operators	(6)	24.94	24.50	50,970

See footnotes at end of table.

Table 1. Employment and wage data from the Occupational Employment Statistics survey, by occupation, Tampa-St. Petersburg-Clearwater, Florida, Metropolitan Statistical Area, May 2005--Continued

Occupation Title	Employment (1)	Median Hourly	Mean Hourly	Mean Annual (2)
Stationary Engineers and Boiler Operators	(6)	\$15.39	\$16.39	\$34,080
Water and Liquid Waste Treatment Plant and System Operators	860	18.35	18.62	38,730
Chemical Equipment Operators and Tenders	230	17.84	17.48	36,350
Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	50	16.41	15.79	32,830
Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	280	10.62	11.34	23,590
Grinding and Polishing Workers, Hand	170	11.10	11.65	24,230
Mixing and Blending Machine Setters, Operators, and Tenders	1,170	12.87	13.09	27,220
Cutters and Trimmers, Hand	70	9.66	10.37	21,570
Cutting and Slicing Machine Setters, Operators, and Tenders	660	11.18	12.18	25,330
Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	710	11.11	11.48	23,880
Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	70	11.39	13.53	28,140
Inspectors, Testers, Sorters, Samplers, and Weighers	3,380	14.18	14.86	30,910
Jewelers and Precious Stone and Metal Workers	(6)	16.67	16.65	34,620
Dental Laboratory Technicians	540	15.75	16.02	33,320
Ophthalmic Laboratory Technicians	690	10.77	11.62	24,170
Packaging and Filling Machine Operators and Tenders	5,010	8.81	9.36	19,480
Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	820	9.89	10.31	21,440
Painters, Transportation Equipment	440	15.20	16.78	34,910
Painting, Coating, and Decorating Workers	230	11.42	11.89	24,740
Photographic Process Workers	(6)	8.50	9.46	19,680
Photographic Processing Machine Operators	690	8.49	9.20	19,140
Cementing and Gluing Machine Operators and Tenders	40	9.44	10.13	21,080
Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	110	8.99	10.26	21,340
Cooling and Freezing Equipment Operators and Tenders	(8)-	10.13	10.88	22,620
Molders, Shapers, and Casters, Except Metal and Plastic	240	12.18	12.54	26,080
Paper Goods Machine Setters, Operators, and Tenders	350	11.91	12.13	25,240
Helpers--Production Workers	3,560	9.55	9.97	20,730
Production Workers, All Other	1,060	11.25	12.13	25,230
Transportation and Material Moving Occupations	96,900	9.75	11.42	23,750
Aircraft Cargo Handling Supervisors	30	(6)	(6)	(6)
First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	940	18.09	18.60	38,680
First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	1,790	22.41	24.02	49,950
Airline Pilots, Copilots, and Flight Engineers	180	(3)	(3)	65,470
Commercial Pilots	160	(3)	(3)	46,340
Ambulance Drivers and Attendants, Except Emergency Medical Technicians	140	7.87	8.22	17,090
Bus Drivers, Transit and Intercity	610	13.78	13.72	28,530
Bus Drivers, School	2,860	10.91	10.53	21,890
Driver/Sales Workers	4,910	8.44	12.20	25,380
Truck Drivers, Heavy and Tractor-Trailer	10,410	14.52	15.27	31,770
Truck Drivers, Light or Delivery Services	9,430	10.50	11.30	23,510
Taxi Drivers and Chauffeurs	810	7.70	8.26	17,190
Motor Vehicle Operators, All Other	3,730	10.72	11.03	22,930
Sailors and Marine Oilers	360	15.54	17.00	35,350
Captains, Mates, and Pilots of Water Vessels	370	24.42	25.09	52,190
Motorboat Operators	40	16.58	17.36	36,100
Ship Engineers	280	29.89	29.52	61,400
Parking Lot Attendants	1,550	6.67	7.30	15,180
Service Station Attendants	350	8.23	8.60	17,880
Traffic Technicians	50	15.25	16.77	34,890
Transportation Inspectors	(6)	10.62	16.08	33,440
Transportation Workers, All Other	430	10.60	13.71	28,510
Conveyor Operators and Tenders	160	12.14	12.06	25,080
Crane and Tower Operators	(6)	13.74	15.69	32,640
Excavating and Loading Machine and Dragline Operators	740	13.04	13.36	27,790
Industrial Truck and Tractor Operators	4,620	11.58	11.92	24,800
Cleaners of Vehicles and Equipment	2,240	7.76	8.67	18,040
Laborers and Freight, Stock, and Material Movers, Hand	30,990	8.44	9.09	18,910
Machine Feeders and Offbearers	900	9.94	10.18	21,170
Packers and Packagers, Hand	9,750	8.03	8.42	17,520
Tank Car, Truck, and Ship Loaders	110	15.40	15.21	31,640
Material Moving Workers, All Other	180	\$15.71	\$15.30	\$31,820

See footnotes at end of table.

Table 1. Employment and wage data from the Occupational Employment Statistics survey, by occupation, Tampa-St. Petersburg-Clearwater, Florida, Metropolitan Statistical Area, May 2005--Continued

- (1) Estimates for detailed occupations do not sum to the totals because the totals include occupations not shown separately. Estimates do not include self-employed workers.
- (2) Annual wages have been calculated by multiplying the hourly mean wage by a "year-round, full-time" hours figure of 2,080 hours; for those occupations where there is not an hourly mean wage published, the annual wage has been directly calculated from the reported survey data.
- (3) Hourly wage rates for occupations where workers typically work fewer than 2,080 hours per year are not available.
- (4) This wage is equal to or greater than \$70.00 per hour or \$145,600 per year.
- (5) There is wide variation in the number of hours worked by those employed as actors, dancers, musicians, and singers. Many jobs are for a duration of 1 day or 1 week and it is extremely rare for a performer to have guaranteed employment for a period that exceeds 3 to 6 months.
- (6) Estimates not released.